

**CATALYST FOR LOW POLYMERIZATION OF OLEFIN AND METHOD FOR LOW-POLYMERIZING OLEFIN WITH SAME**

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**Abstract of JP9262480**

**PROBLEM TO BE SOLVED:** To efficiently produce 1-hexene useful as stock comonomer of linear low density PE from ethylene with high selectivity by using a catalyst for low polymn. of olefin produced from a chromium compd., aluminosilicate and an imido compd.

**SOLUTION:** This catalyst used in production of 1-hexene by low polymn. of olefin is produced from a chromium compd. represented by the formula CrAm Bn (where A is aryl, alkyl, alkoxy, carboxylate, etc., and B is an N-, P- or As- contg. compd., etc.), aluminosilicate and an imido compd. represented by the formula [where (d) is an integer of 1-4, M is H or a metallic element and each of R<1> and R<2> is one or more selected from among H, 1-10C alkyl, halogen, aryl, etc.].

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